Exercise 4 - Getting Started with GitHub

Exercise 1: Creating a GitHub Account

Please follow the steps given below to create an account in GitHub:
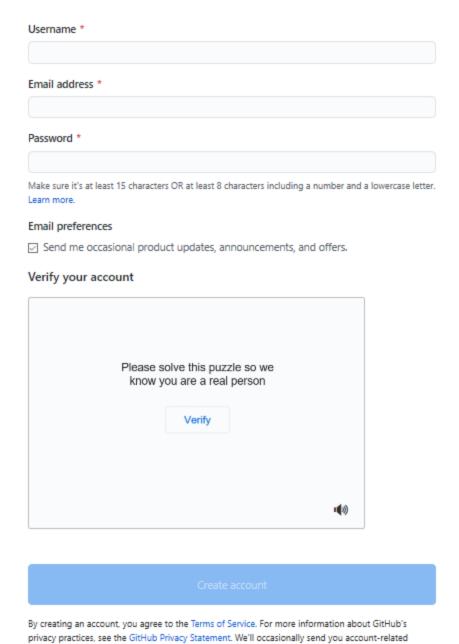
Step 1: Create an account: https://github.com/join

NOTE: If you already have a GitHub account, you can skip this step and simply login to your account.

Step 2: Provide the necessary details to create an account as shown below:

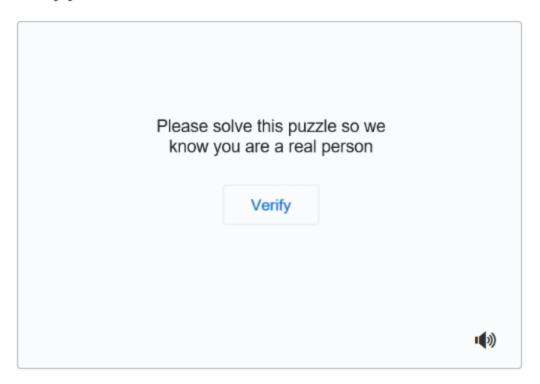Join GitHub

Create your account

Username *

Email address *

Password *

Make sure it's at least 15 characters OR at least 8 characters including a number and a lowercase letter.
Learn more.

Email preferences

☑ Send me occasional product updates, announcements, and offers.

Verify your account

Please solve this puzzle so we
know you are a real person

Verify

🔊

Create account

By creating an account, you agree to the Terms of Service. For more information about GitHub's
privacy practices, see the GitHub Privacy Statement. We'll occasionally send you account-related
emails.

and click `Create account` .

Step 3: Click `Verify` to verify the account and click `Done`
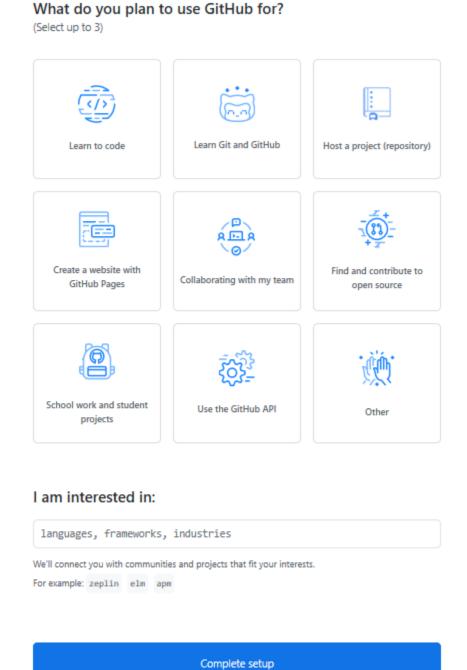
Step 4: After verification, click `Join a Free Plan`

Step 5: Select the details as shown below and click `Complete Setup`

What do you plan to use GitHub for?
(Select up to 3)

Learn to code	Learn Git and GitHub	Host a project (repository)
Create a website with GitHub Pages	Collaborating with my team	Find and contribute to open source
School work and student projects	Use the GitHub API	Other

I am interested in:

```
languages, frameworks, industries
```

We'll connect you with communities and projects that fit your interests.

For example: `zeplin` `elm` `apm`

Complete setup

Step 6: Go to your email, find the verification email from GitHub, and click on the link/button in that email to verify your email.

NOTE: If you do not receive verification email, click `Resend verification email` .

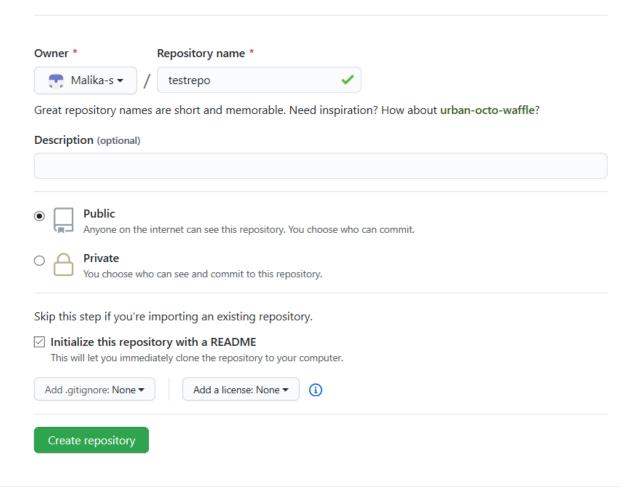Email is verified
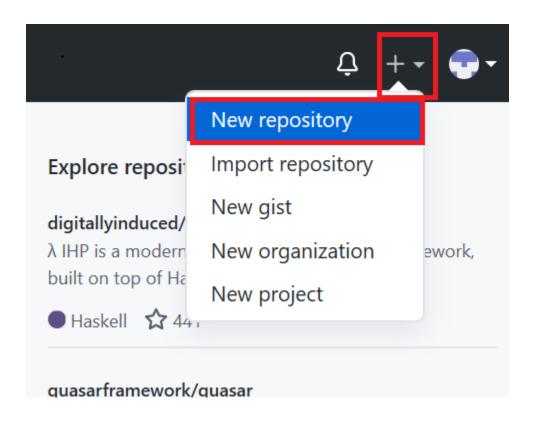
Exercise 2: Adding a Project / Repo

Step 1: Click on the `+` symbol and click `New repository`.

Step 2: Provide a repository a name and initialize with the empty `README.md` file.

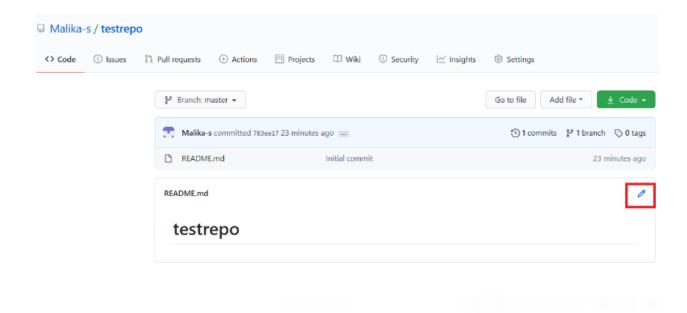and click `Create repository`.

Now, you will be redirected to the repository you have created.
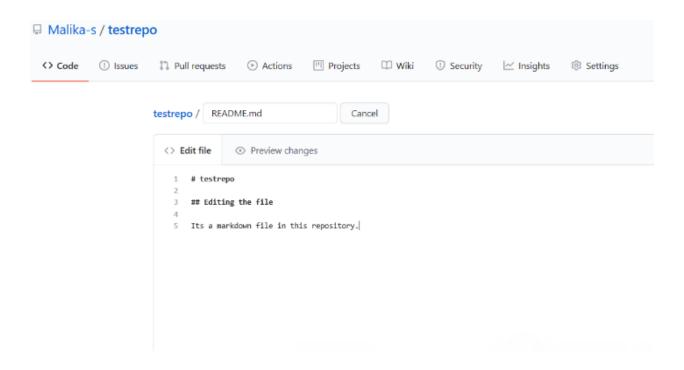
Let's start editing the repository.

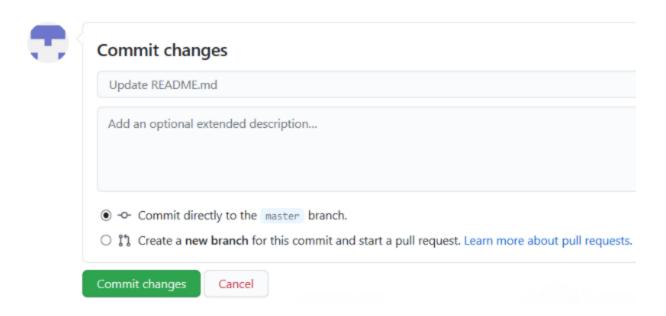# Exercise 3: Create / edit a file

Exercise 3a: Edit a file

Step 1: Once the repository is created, the root folder of your repository is listed by default and it has just one file `ReadMe.md`. Click on the pencil icon to edit the file.
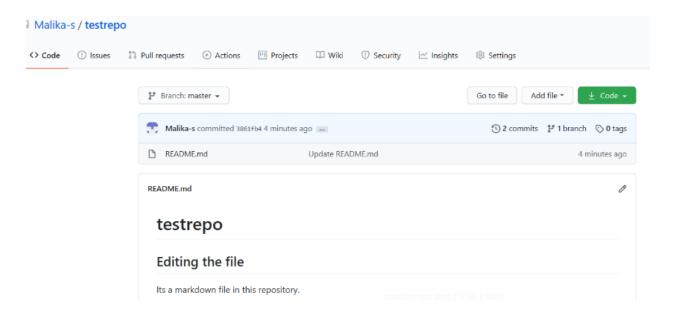
Step 2: Add text to file.

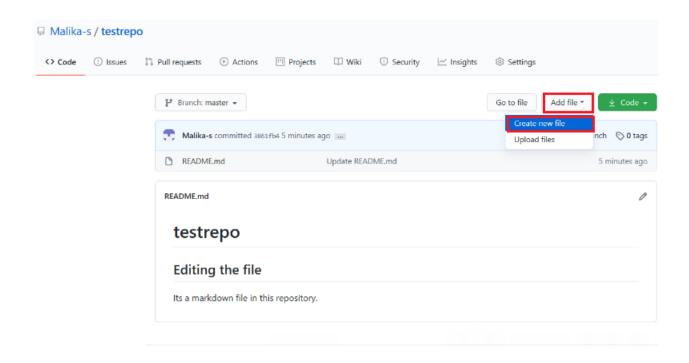Step 3: Scroll down the page after adding the text and click `Commit Changes` .

Now, check your file is edited with the new text.
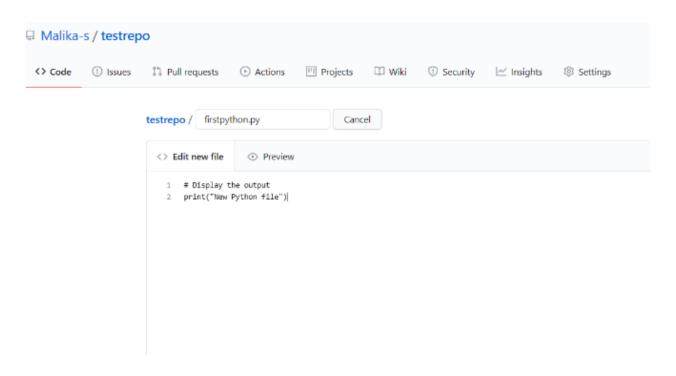
Exercise 3b: Create a new file

Step 1: Click on the repository name to go back to the master branch like in this testrepo.
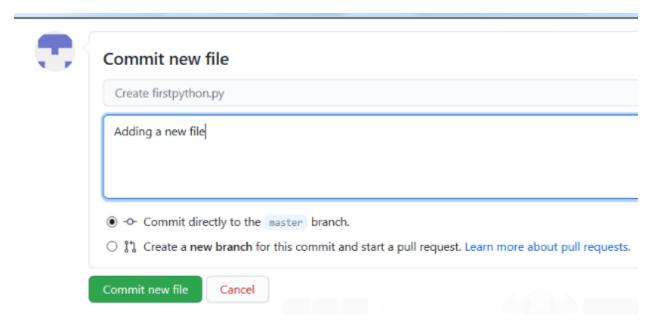

Step 2: Click `Add file` and select `Create New file` to create a file in the repository.

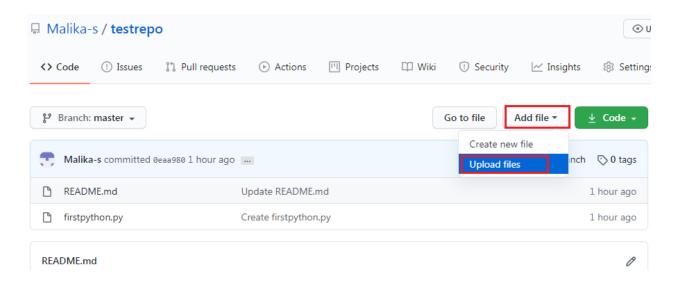Step 3: Provide the file name and the extension of the file. For example, firstpython.py and add the lines.

Step 4: Scroll down the page after adding the text. `Add description` of the file (optional) and click `Commit` new file.
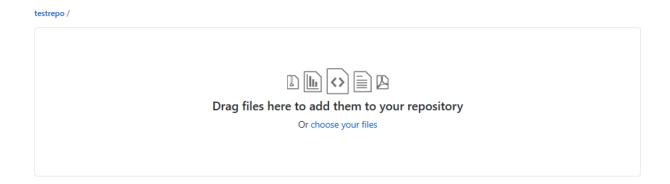
Step 5: Your file is now added to your repository and the repository listing shows when the file was added/changed.
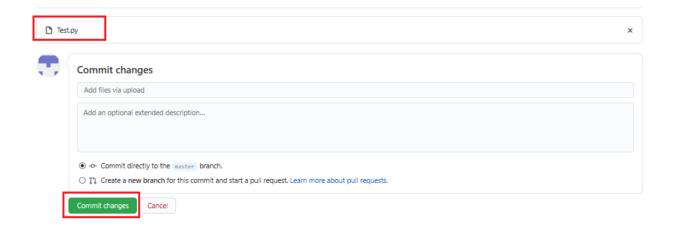
Exercise 4: Upload a file & Commit

Step 1: Click `Add file` and select `Upload files` to upload a file (Upload any .txt,.ipynb, .png file) in the repository from the local computer.

Step 2: Click on choose your files and choose any files from your computer.

testrepo /

Drag files here to add them to your repository
Or choose your files

Step 3: Once the file finishes uploading, click on `Commit` Changes

Step 4: Now, your file is uploaded in the repository.